



HD 30M-Range IR Fixed Dome IP Camera



Features

- IR cut filter for day/night operations
- 30-meter infrared night vision
- 1080p resolution @ 30 FPS

Description

MR302 HD 30M IR Range Fixed Dome IP Camera in the M series features 1080p resolution at 30 frames per second. Utilizing digital PTZ, HDR, AGC control, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image with infrared. The support of PoE, privacy mask, and white balance, as well as the minimum illumination of 0.15 Lux at F2.0 will satisfy multiple applications.

Specifications

Model	MR302
Image Sensor/Sensor type	1/2.7" CMOS image sensor
Effective pixels	1920 (H) x 1080 (V) = 2,073,600 pixels
Video Compression	H.264 , Motion JPEG
Resolution	1080P(1920 x 1080) , 720P(1280 x 720) , D1(720 x 480) , CIF(352 X 240)
Frame Rates	H.264: up to 30 FPS @ 1920 x 1080, 30 FPS @ 720 x 480 ; Motion JPEG: up to 15 FPS @ 1920 x 1080 30 FPS @ 720 x 480, 30 FPS @ 352 x 240
Lens	4mm
Iris	F2.0
Angle of View	(H)94° (V)50° (D)102°
Max IR distance	30m
Infrared LED Angle	60°
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast Multiple configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Video bitrate	128Kbps – 8Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported ; Fixed bitrate
Peak wavelength	850nm
Scanning System	Progressive scan
IR cut filter	Color (Day), Monochrome (Night), Auto, Schedule
Min. illumination/Low Light Mode (Colour)	0.15 Lux at F2.0 (Color) 0.05 Lux at F2.0 (B/W) , With Infrared LED 0 Lux
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/8000s

Sense Up	Off / 1 frame / 2 frames / 3 frames / 7 frames
Sense Up+	Yes
Auto Gain Control	36 dB variable gain
3D Noise Reduction	Off / 1 to 32 selectable
2D WDR	Off / Auto / x2 / x3 / x4
Privacy Masking	Off / On (4 independent areas)
Other functions	Sharpness, Image flip, Image mirror, Hue, Corridor
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
Users	10 simultaneous users
OSD (On-Screen Display)	Text over date, time, and camera name
Alarm event triggers	Motion/Tamper/Network lost detection
Alarm event actions	FTP,SMTP, HTTP post, SD card, SAMBA
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR3, 256MB flash memory
Firmware	Firmware upgrade via HTTP, and IP Scan
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
CE	Yes
FCC	Yes
OS requirement	Windows 7, Windows 8, Windows 10
Web browser	Microsoft® Internet Explorer® 9.0 and later
CPU requirement	Intel i3 or above
RAM requirement	4GB or above, dedicated graphics card
Protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, SDDP, Bonjour

Mobile phone	Supports LILIN mobile app (LILIN Viewer) in both iOS and Android versions
Video Management	ONVIF Profile S / LILIN Navigator Enterprise 1.0 and 2.0 / Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX & LILIN Java Applet
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 2.6.32
SD Card (recording)	Support Micro SD/SDHC card for circular recording (card is not included)
Operating temperature	-25°C – +50°C (-13°F – 122°F)
Dimensions	110mm x 89mm approx.
Weight	360g
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE 802.3af
Power Consumption	DC12V, 4.8W / PoE, 6W